



Academic Personnel Short Profile / Short CV

University:	Frederick University
Surname:	Markides
Name:	Christos
Rank/Position:	Assistant Professor
School:	School of Engineering
Department:	Electrical Engineering, Computer Engineering and Informatics
Scientific Domain:	Information Engineering

Academic qualifications

Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
PhD Information Engineering	2014	City University of London, UK	School of Mathematics, Computer Science and Engineering	Implementation of the Finite Difference Time Domain Algorithm for the Analysis of Terahertz Waves
MSc (Distinction) Engineering and Information Sciences	2002	University of Reading	Computer Science Department	Investigation of hybrid /drilled multilayer Interference filters for the 15-35 μ m band
BSc (Honors) in Computer Science and Cybernetics	1999	University of Reading	Computer Science Department	Ant Evolutionary Algorithms for Molecular Confirmation Problems

Employment history in Academic Institutions/Research Centers

Period of employment		Employer	Location	Position
From	To			
2020	Present	Frederick Research Center	Cyprus	Researcher

2018	Present	Frederick University	Cyprus	Assistant Professor
2007	2018	Frederick University	Cyprus	Research Associate

Key refereed journal papers, monographs, books, conference publications etc. (up to ten until May 2021)						
Ref. Number	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2021	Promoting active sports tourism through technology and evaluating its economic impact: Experiences from Cyprus	Achilleas Achilleos, Michalis Makrominas, Christos Markides, Papacosta Elena, Constantinides, Andreas Rafael Alexandrou, Effie Zikouli, Panos Constantinides, Leondios Tselepos	Journal of Sport & Tourism, Taylor & Francis	To be Published	
2	2021	A Web Platform and a Context Aware Recommender System for Active Sport Events	Achilleas Achilleos, Andreas Konstantinidis, Rafael Alexandrou, Effie Zikouli and George Papadopoulos	I4CS 2021, Springer	To be Published	
3	2019	Adopting an Open Smart City Platform: A Survey	Achilleos A., Konstantinidis A., Giorkas I., Kapitsaki G., Mettouris C., Papadopoulos G. A	IEEE ISC2 2019		pp. 384-389
4	2017	Adaptive Runtime Middleware: Everything as a Service	Achilleos A., Georgiou K., Konstantinidis A. and Papadopoulos G	ICCCI 2017, Springer		pp-484-494
5	2020	Analysis of a single solid core flat fiber plasmonic refractive index sensor	Moutusi De, Singh V. K., Themistos C., and B. M. A. Rahman	Plasmonics, Springer	15	pp 1429-1437
6	2013	Multimode Interference 3 dB Splitters in Hollow Core Metallic Waveguides for Low-Loss THz Wave Transmission	C. Themistos, H. Tanvir, B. M. A. Rahman, K. T. V. Grattan	JSTQE, IEEE	19	pp.850-0606
7	2014	Characterization of low-loss waveguides and devices for terahertz radiation	B. M. A. Rahman, M. Uthman, A. Quadir, N.	Optical Engineering	53(3)	pp. 03121

			Kejalakshmy, and C. Themistos			0-031210
8	2014	Characterization of graphene-based devices for THz Systems	Themistos, C., Rahman, B. M., Uthman, M., Quadir, A. & Kejalakshmy, N	SPIE Sensing Technology and Applications	9102	9102F
9	2013	Dispersion characteristics of plasmonic waveguides for THz waves	C. Viphavakit, C. Themistos, M. Komodromos, K. Kalli, A. Quadir, A. Rahman	SPIE Optics and Optoelectronics	87750	87750 J
10	2012	Characterization of microstrips for THz waves	C. Themistos, B.M.A. Rahman, K.T.V. Grattan,	IEEE, EDSSC		pp 1-4

Research Projects (up to ten until May 2021)				
Ref. Number	Date	Title	Funded by	Project Role
1	2020-2022	Active Assisted Living Programme, Ageing Well in the Digital World	GUIDED, AAL EU Project	Researcher
2	2019 – 2022	SportsTraveler76, Research in Startups	RIF	Researcher
3	2014 – 2020	HIPPOACTIVE – Προηγμένος Εξομοιωτής Αλόγου για Ιπποθεραπεία	Ministry of Energy, Commerce, Industry and Tourism	Researcher
4	2016 – 2020	Accessible System and Social Media Mobile Application for Deaf Users	RIF	Researcher
5	2016 – 2020	A Virtual Reality Booking Platform For The Hospitality Sector	RIF	Researcher
6	2016 – 2020	KYAMOS REAI Live Simulation services - CLOUD computing on GPU	RIF	Researcher
7	2019 – 2021	Inclusive university – a set of tools dedicated to HEI for better respond to disabled student’s needs	ERASMUS +	Researcher

8	2017 – 2020	Troodos National Forest Park: Promoting natural values and Ecosystem Services	LIFE+, EC	Researcher
9	2014 – 2018	LEADERS - Leading Mobility between Europe and Asia in Developing Engineering Education and Research	ERASMUS MUNDUS, EC	Frederick University, Co-Coordinator
10	2013 – 2017	It's Time for CollaboratiON TowArds Close CooperaTion	ERASMUS MUNDUS, EC	Co-Coordinator

Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees				
Ref. Number	Period	Organization	Title of Position or Service	Key Activities
1	2014 – Present	International Journal on Information Technologies and Security	Editorial Board	Reviewer, Reviewer Referral
2	2017 – 2018	Ministry of Education, Cyprus	Technical Schools, Computers, Networks, and Communications Orientation	Curriculum Development
3	2012-2013	Ministry of Education, Cyprus	Post-Secondary Studies for Communication and Network Technicians	Curriculum Development
4	2015	Applied Computational Electromagnetic Society	International Conference Peer Review	Reviewer

Awards / International Recognition			
Ref. Number	Date	Title	Awarded by:
1	2018	IBM NoSQL and Database-as-a-service	IBM CognitiveClass.ai
2	2017	IBM Hadoop Foundations	IBM CognitiveClass.ai
3	2016	IBM Big Data Fundamentals	IBM CognitiveClass.ai

4	2011	CISCO IT Essentials Instructor	CISCO
5	2014	LPI/CISCO Linux Essentials Instructor	NDG/CISCO
6	2017	CISCO IoT Instructor	CISCO

Other Achievements			
Ref. Number	Date	Title	Key Activities:
1	2006	FIT Certificate of Appreciation in Accreditation Process	Contributed in the Accreditation Process for the establishment of Frederick University